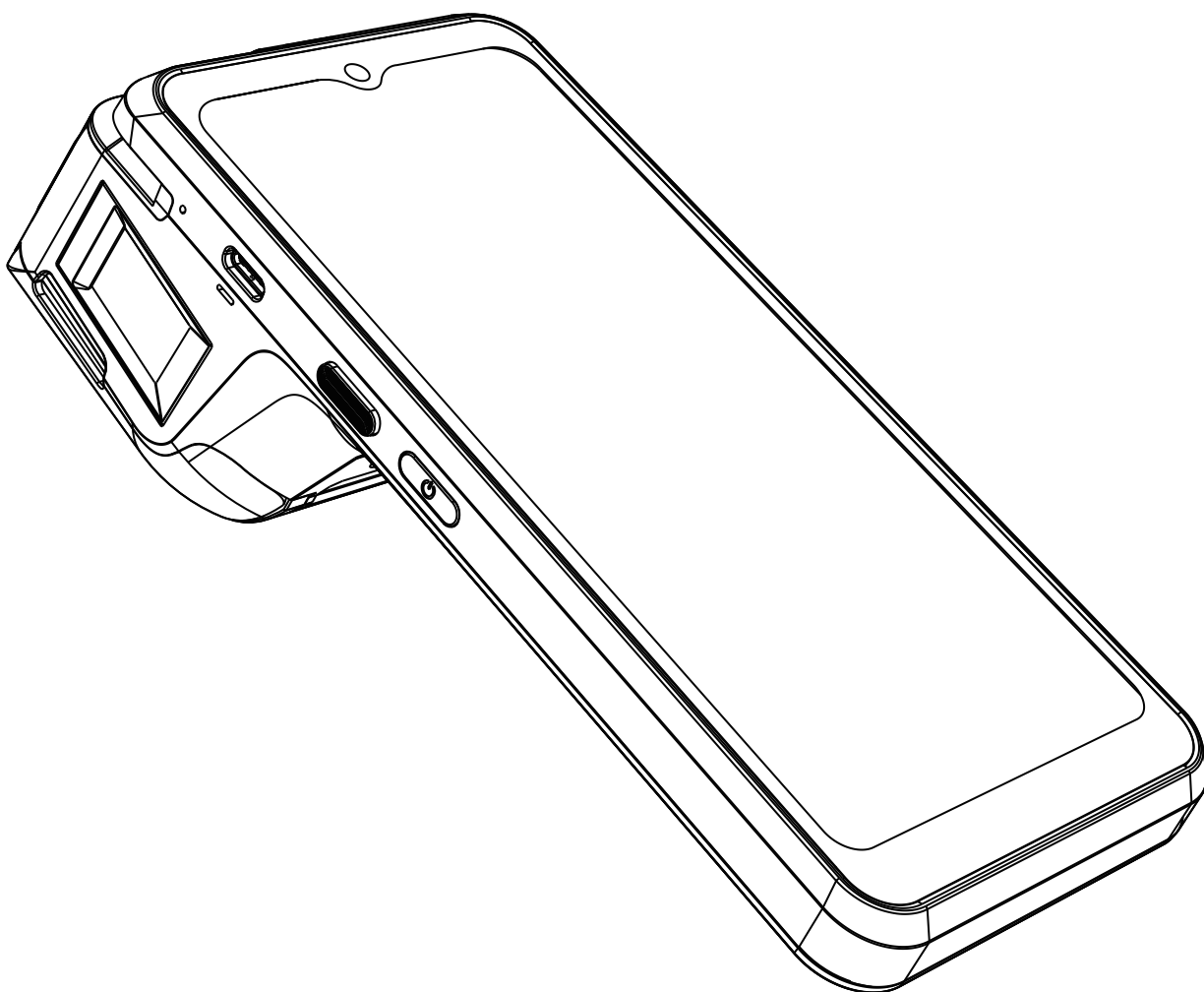
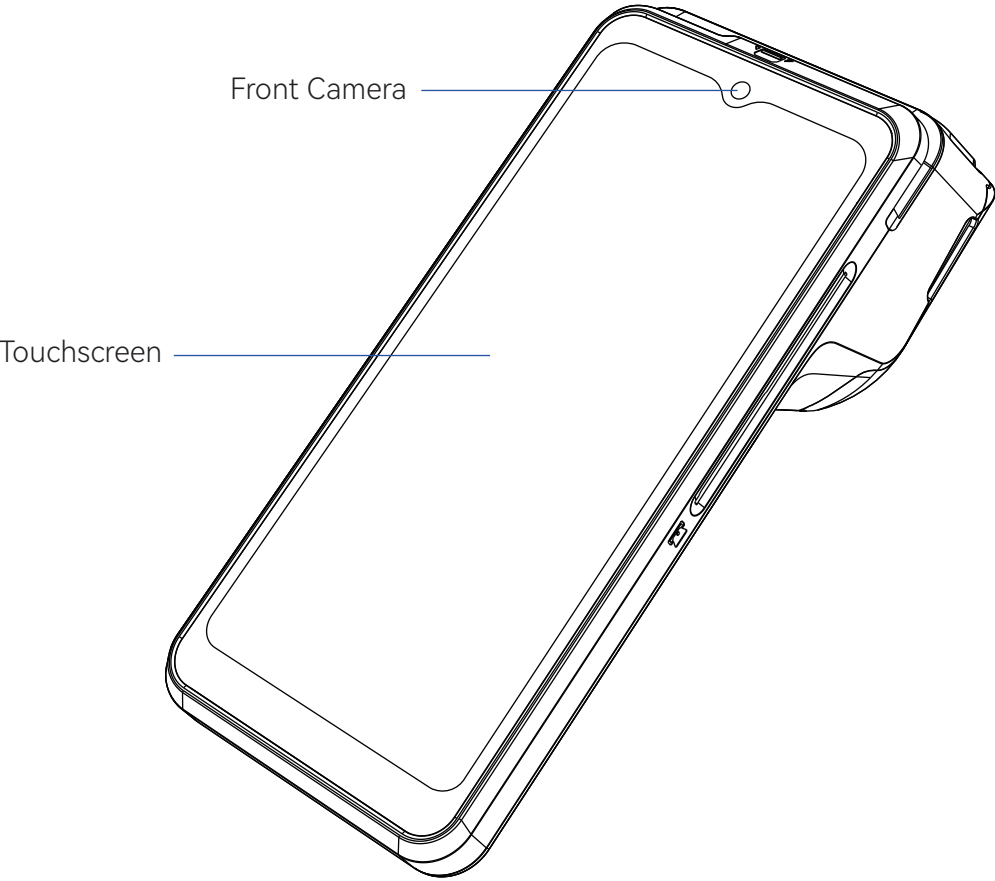
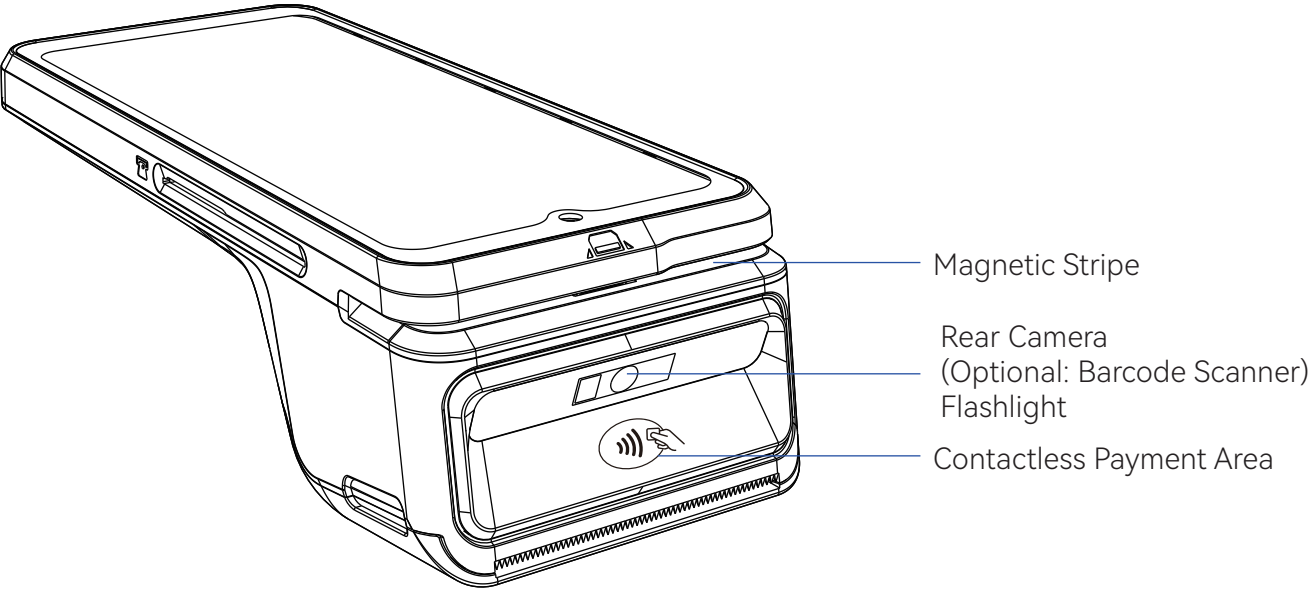


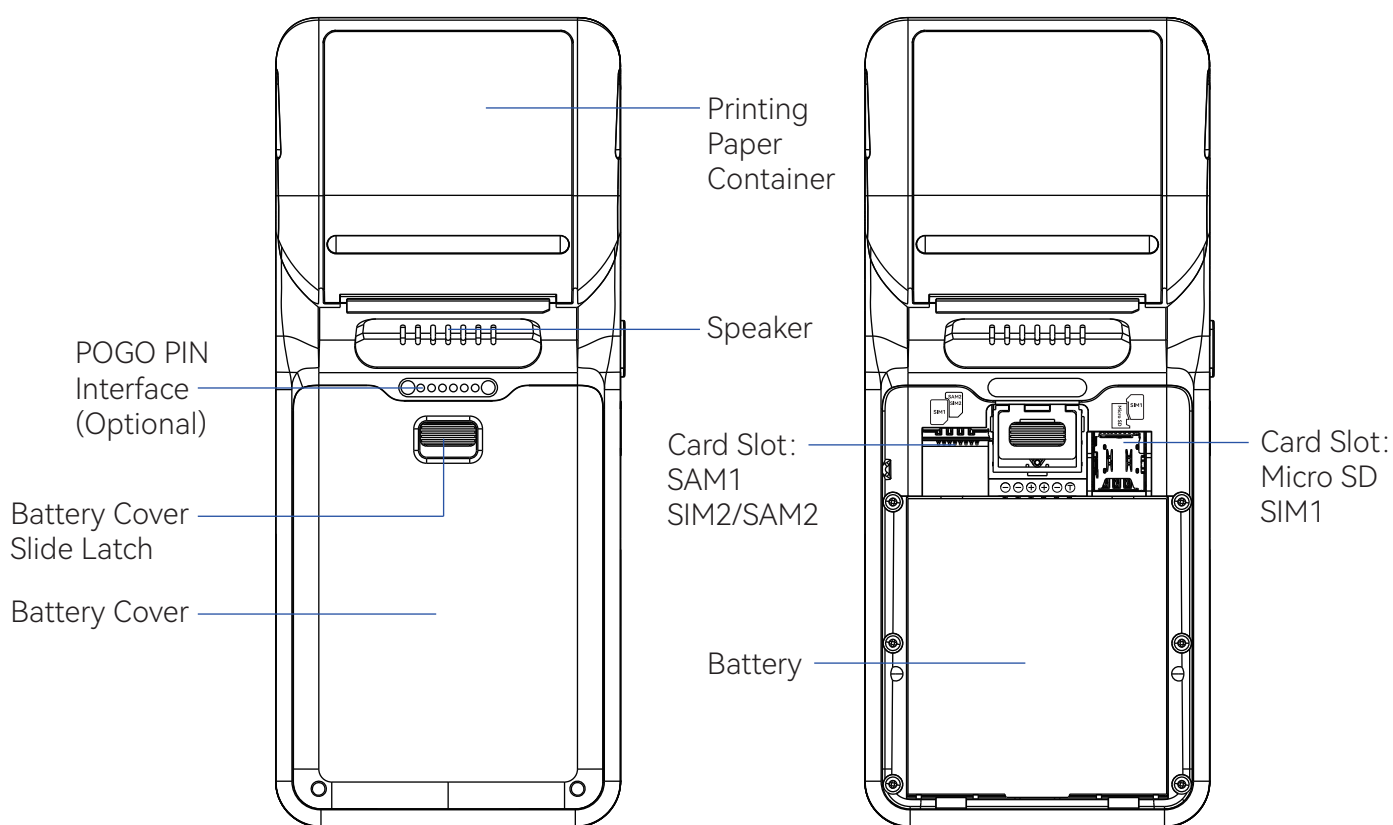
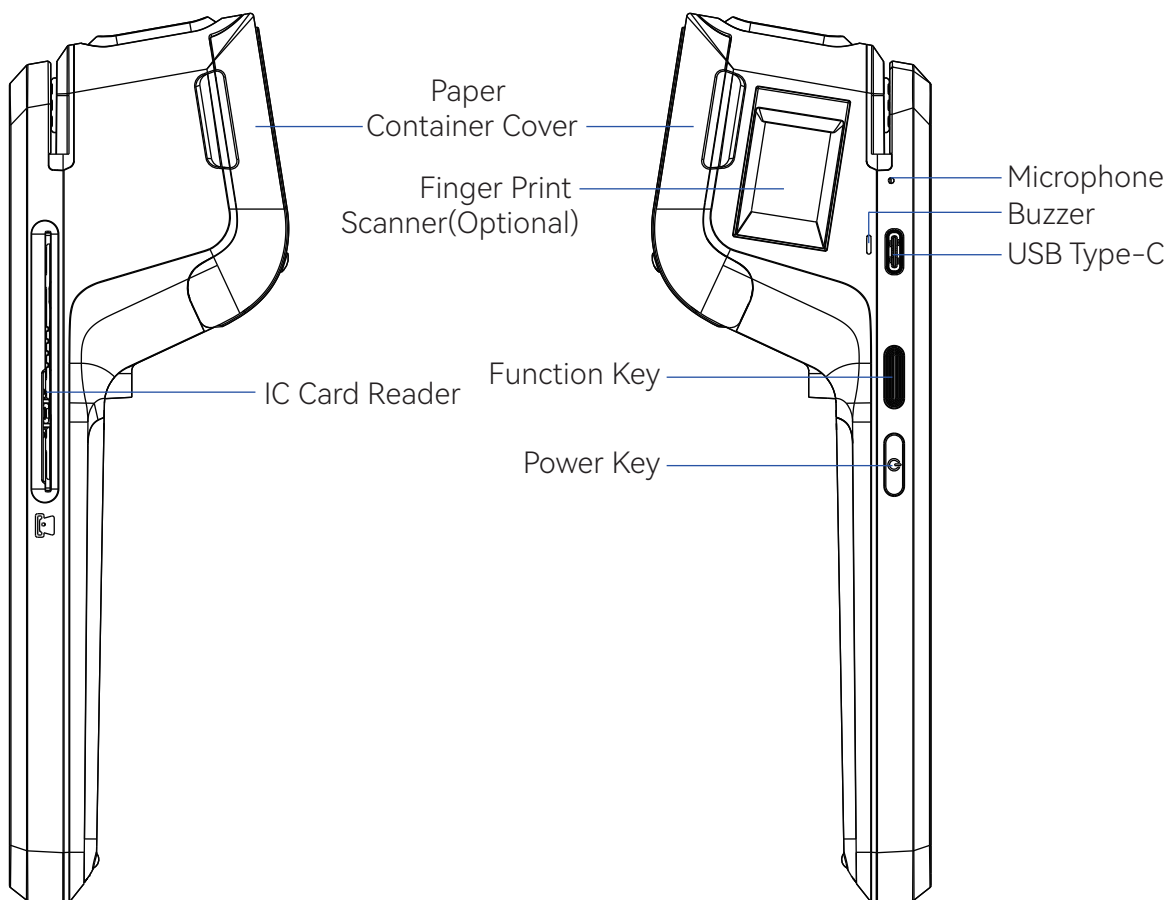
BHZ800

Product Manual



1、 Appearance Description

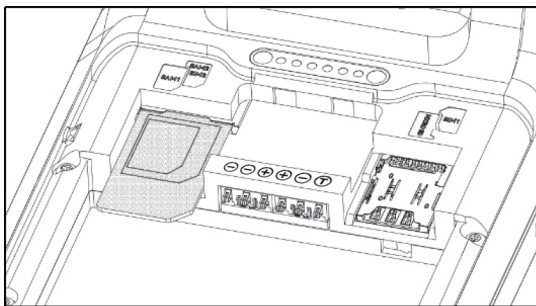




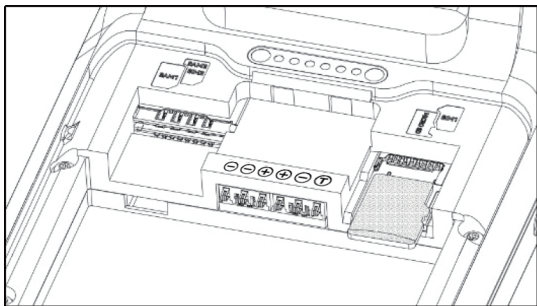
2、 Installation

2.1. SIM/SAM/Micro SD Card Installation

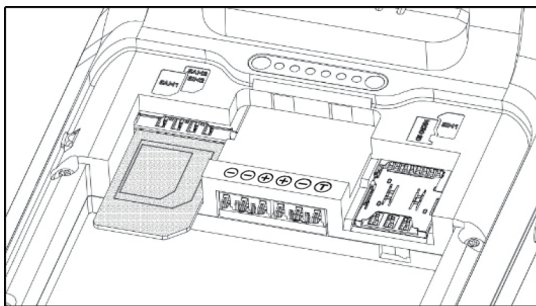
- 1) Step1: Position the device upside down. Slide the battery cover latch downward and detach the cover outward to reveal two slot compartments on each side. The left compartment contains the SAM1 and SAM2/SIM2 slots, while the right compartment contains the SIM1 and Micro SD slots.。
- 2) Step 2: Remove the battery. Insert the corresponding cards into their designated slots according to the engraved position markings. Ensure the chamfered corner of each card aligns with the orientation indicated by the slot symbol.
- 3) Step 3: Reinstall the battery and battery cover. Secure the assembly by sliding the battery cover latch upward until locked. The installation is now complete.



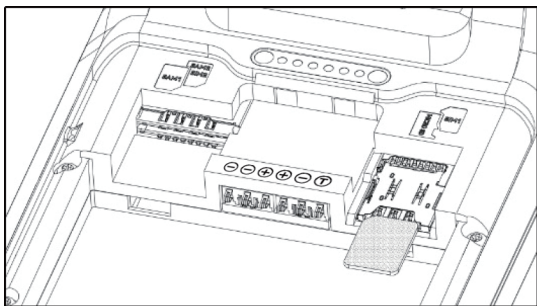
Upper Left: SAM1 Slot



Upper Right: Micro SD Slot



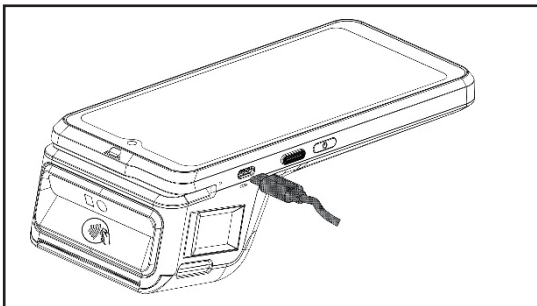
Lower Left: SAM2/SIM2 Slot



Lower Right: SIM1 Slot

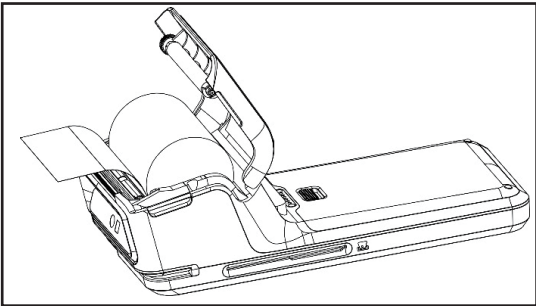
2.2. Battery Charging

The terminal can be charged by either placing it on a charging dock (if equipped) or connecting it to a power adapter via a USB cable.



2.3. Paper Loading

The terminal can be charged by either placing it on a charging dock (if equipped) or connecting it to a power adapter via a USB cable.



3、 Package Contents

Item	Quantity
BHZ800 Android POS Terminal	1
USB Type-C Cable	1

4、 User Guide

4.1. Power On

Press and hold the power key for about 2 seconds until the screen lights up and displays the startup interface, indicating the terminal is powered on.

4.2. Power Off

Press and hold the power key for about 2 seconds until the screen displays options for "Shutdown", "Restart", and "Emergency Call". Select the shutdown command. The screen will show "Shutting down", and the operation is complete once the screen turns off.

4.3. Screen Lock

While the screen is on, briefly press the power key to turn off the screen. When the screen is off, briefly press the power key again to wake up the screen.

4.4. Magstripe Card Payment

When swiping a magstripe card, hold the card with the magnetic stripe facing downward and smoothly slide it through the card slot at the top of the terminal. The terminal supports bidirectional card swiping.

4.5. IC Card Payment

For chip card insertion, orient the IC card with the chip facing upward and gently push it into the IC card slot on the right side of the device until fully seated.

Note: Avoid using excessive force to prevent damage to the terminal's IC card reader or the card itself.

4.6. Barcode Scanning

Scan to Collect Payment: Tap the "Scan to Collect Payment" option, enter the transaction amount to access the scanning preview interface. Align the payment code with the camera for recognition to complete the payment process.

Product Scanning/Stock In: Select the "Product Scanning" function to view the current stock status. If product information is not found in the system, you can add new items to the inventory directly.

4.7. Contactless Payment

RF Operating Frequency: 13.56 MHz, Compliant with UnionPay Contactless standards (ISO 14443), supporting Type A & B and other contactless IC cards. To complete the transaction, bring a valid contactless IC card close to the contactless symbol area on the device. Follow the guidance of the indicator light, and the operation will complete upon confirmation of successful recognition.

4.8. Voice Announcement

Key command operations are accompanied by synchronous voice feedback, such as "Transaction Successful/Failed/Cancelled" and "Rounding Reminder".

4.9. Electronic Signature

The electronic signature interface will appear. Handwrite your signature within the designated area on the screen, then tap the confirm button to complete the operation.

4.10. Printing

The terminal is equipped with a thermal printer capable of printing transaction receipts and invoice codes.

Note: After printing completes, tear off the paper swiftly and evenly at a 45-degree angle against the upper edge of the paper cutter.

4.11.OTA Update

The system supports remote firmware upgrades via OTA.



5、 Technical Specification

OS	Android14
CPU	AP: Cortex Quad-core A53, 2.0GHz SP: RISC Core(ARMv7-M)
Memory	Base: 2GB RAM+32GB Flash Optional: 3GB+32GB/4GB+64GB Micro SD(TF card)up to 128GB
Display	6.5"HD 1600*720 IPS Capacitive Multi-Touch Screen
Mobile Network	4G: LTE 3G: WCDMA 2G: GPRS/GSM
Wireless	Wi-Fi(2.4G/5G) Bluetooth BR&EDR、 5.0 BLE
Physical	190*60*80mm
Charge Base(Optional)	Charge&USB
Interface	Type C USB OTG×1 POGO PIN
GPS	GPS/AGPS/BDS/Glonass
Printer	58mm Thermal Printer Paper roll: φ40mm
Card Reader	Chip&PIN Contactless Magnetic Stripe
Physical Key	Power Button Quick Scan Key
Card Slots	SIM×2+PSAM1 SIMx1+PSAM×2(optional) 1Micro SD
Audio	1×Buzzer,1× Speaker, 1×Microphone (Optional)
Battery	7.2V/2600mAh(18.72Wh)
Finger Print Scanner(Optional)	Standard: Compliant with the international FBI PIV FAP10 Image pixels: 256*360pixel Image resolution: 500dpi
Camera	Base: 5MP AF Rear with Flashlight+8MP FF Front camera Optional:: 5MP/8MP/13MP AF Rear with Flashlight+2MP FF Front camera
Certifications	EMV Level1&2/PCI /Visa paywave/Mastercard Paypass UnionPay/CE/FCC/RoHS

6、 Important Safety Instructions

The installation and operation of this product must strictly comply with the instructions provided in this manual.

- 6.1. Unauthorized disassembly of the device will activate its safety protection mechanism, resulting in operational failure.
- 6.2. Do not drop, scratch, twist, impact, or vibrate the device. Avoid exposing it to direct sunlight, high temperatures, humidity, dusty environments, or strong magnetic fields.
- 6.3. When cleaning the screen, use a soft, slightly damp, and lint-free cloth. Do not touch or strike the display with sharp objects. Improper handling may cause screen damage or display abnormalities.
- 6.4. This product must be powered by the original standard lithium battery and use the standard power adapter. Failure to do so may result in malfunction or severe damage to the device.
- 6.5. When loading paper, avoid touching the paper cutter blade to prevent injury. Use only the specified type of printing paper to avoid paper jams or printer damage.
- 6.6. As an electrical product, do not spill any liquid into the device, as this may cause internal short circuits and serious damage.
- 6.7. Never insert foreign objects into any ports of the device, as this may cause severe damage.
- 6.8. In case of device malfunction, contact the local distributor for professional repair. Users are not permitted to perform unauthorized repairs on the device.

Product Warranty Card

Model Name: _____

Customer Name: _____

Contact Person: _____

Address: _____

Telephone Number: _____

Serial Number: _____

Purchase Date: _____

After-Sales Service Record			
Date	Service Record	Service Staff	User's Signature

Important Notes
1.Warranty Period: The product is covered by a 12-month free warranty starting from the date of purchase. 2.Malfunctions resulting from natural disasters, fires, unauthorized modifications, or misuse are not covered under the free warranty. 3.Free warranty services apply only to originally configured components. 4.Warranty service will not be provided without the sales unit's official seal or a valid warranty card.



Beijing HuaDa ZhiBao Electronic System Co., Ltd.

Website: <https://www.bhz.com.cn/en>

Address: Gaojiayuan 1#, Chaoyang District, Beijing, China.

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Android POS Terminal (FCC ID: FCC ID:2BUK2-BHZ800) has also been tested against this SAR limit. SAR information can be viewed on - line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body. To maintain compliance with FCC RF exposure requirements, use accessories should maintain a separation distance between the user's bodies mentioned above, use accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.